## IN THE SPECIFICATION:

At page 4, six lines from the bottom of the page change "precipitating agent" to read --source of chromium--

## IN THE CLAIMS:

## Please amend claims 1, 2 and 6 to read as follows:

 $\underline{\lambda}$ . (amended) [An improved]  $\underline{A}$  copper chromite catalyst having the molar composition

$$Cu_{(a)}Cr_{(b)}Al_{(c)}Zn_{(d)}$$

wherein

a = 10 - 40 mole %

b = 10 - 40 mole %

c = 10 - 30 mole %

 $d = \sqrt{5} - 40 \text{ mole } \%$ 

and a + b + c + d = 100

and [characterised by] having an XRD pattern as shown in table 1

Table I: XRD analysis of the copper chromite catalyst

θ	Intensity (%)
18	100
26.2	100
27.4	48
35.8	92
44.2	48
56.6	44

TC 1700 MAIL ROOM

2. (amended). A process for the preparation of [an improved]  $\underline{a}$  copper chromite catalyst having the molar composition

## $Cu_{(a)}Cr_{(b)}Al_{(c)}Zn_{(d)}$

wherein

$$\lambda = 10 - 40 \text{ mole } \%$$

$$b \neq 10 - 40 \text{ mole } \%$$

$$c = 10 - 30 \text{ mole } \%$$

$$d = 5 \searrow 40 \text{ mole } \%$$

and a + b + c + d = 100

and [characterised by] having an XRD pattern as shown in table 1

6

Table I: XRD analysis of the copper chromite catalyst

θ		Intensity (%)
18		100
26.2		100
27.4	λ	48
35.8		92
44.2	\	48
56.6		<b>\</b> 44

which comprises preparing <u>an</u> aqueous [solutions] <u>solution</u> of <u>a</u> source of copper, a source of aluminium and a source of zinc, adding to this [mixture] <u>solution</u> a solution [of] <u>containing a</u> source of chromium, under stirring conditions to obtain [the] <u>a</u> precipitate, separating the precipitate [by conventional methods], drying the precipitate at a temperature ranging between 80 to 110° C, calcining the dried material in static air at a temperature ranging between 200 to 500° C for a period ranging between 2 to 5 hrs., to obtain the [product] <u>catalyst</u>.